Complete Listing of the Claims:

No amendments to the claims are submitted herein.

Listing of Claims:

1-33. (Canceled)

34. (Previously Presented) A dynamic email spam analysis and management system

comprising:

a database including a plurality of spam rules, each of the plurality of spam rules

having attributes including a score;

a spam analyzer operable to process a log file received from a message switch

and operable to update the attributes of at least one of the plurality of spam rules, the

updating based on information derived from the log file; and

a select rules file including one or more select rules of the plurality of spam rules,

each of the one or more select rules being included in the select rules file based on its

attributes, the select rules file being transmitted to the message switch.

35. (Previously Presented) The system of claim 34 wherein the spam analyzer

processes the log file to determine how many times each of the plurality of spam rules

was hit and accordingly updates the attributes corresponding to the each of the plurality

of spam rules.

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36. (Previously Presented) The system of claim 34 wherein the attributes

corresponding to each of the plurality of spam rules are updated to indicate how many

times each of the plurality of spam rules was false-positive-hit.

37. (Previously Presented) The system of claim 34 wherein one or more other select

rules of the plurality of spam rules are retired, each of the one or more other select rules

being retired based on its attributes.

38. (Previously Presented) The system of claim 37 wherein the one or more other

select rules have not been hit within a predetermined amount of time.

39. (Previously Presented) The system of claim 34 wherein the select rules file further

includes one or more new rules.

40. (Previously Presented) The system of claim 34 wherein the spam analyzer

calculates, based on information derived from the log file, how many times each of the

plurality of spam rules was hit.

41. (Previously Presented) The system of claim 34 wherein the attributes of each of

the plurality of spam rules are modified to indicate how many times each of the plurality

of spam rules was false-positive-hit.

42. (Previously Presented) The system of claim 34 wherein the spam analyzer

calculates, based on information derived from the log file, how many hits of each of the

plurality of spam rules was determined to be for spam email messages and accordingly

modifies the corresponding attributes of the each of the plurality of spam rules.

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43. (Previously Presented) The system of claim 34 wherein the spam analyzer

calculates based on information derived from the log file, how many hits of each of the

plurality of spam rules was determined to be for non-spam email messages and

accordingly modifies the corresponding attributes of the each of the plurality of spam

rules.

44. (Previously Presented) The system of claim 34 wherein the score of one of the

plurality of spam rules is modified manually.

45. (Previously Presented) A dynamic email spam analysis and management system

comprising:

a message switch including a spam filter operable to receive an email message;

and

a select rules file including a plurality of spam rules usable by the spam filter to

analyze the email message and to determine if the email message is a spam email

message or a non-spam email message wherein the analyzing includes creating an entry

for the email message in a log file, the entry including spam information corresponding

to the email message, and wherein the message switch periodically communicates the

contents of the log file to a central server and periodically receives an updated select

rules file from the central server, the updated select rules file differing from the select

rules file, and the updated select rules file becoming the select rules file once received.

46. (Previously Presented) The system of claim 45 wherein a score is included in the

select rules file for each of the plurality of spam rules.

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47. (Previously Presented) The system of claim 46 wherein a total spam score of the

email message is modified using the score of each of the plurality of spam message for

which there is a hit on the email message.

48. (Previously Presented) The system of claim 47 wherein, if the total spam score

exceeds a score threshold, the email message is identified as a spam email message.

49. (Previously Presented) The system of claim 45 wherein each of the plurality of

spam rules has attributes including one or more of: a score, a date and time the spam

rule waslast updated, number of hits, number of spam hits, number of non-spam hits,

and date and time of last hit.

50. (Previously Presented) The system of claim 47 wherein, if the total spam score

does not exceed a score threshold, the email message is identified as a non-spam email

message.

51. (Previously Presented) The system of claim 50 wherein the email message is

transferred to an intended recipient.

52. (Previously Presented) The system of claim 45 wherein each of the plurality of

spam rules are constructed using regular expressions.

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53. (Previously Presented) A method for dynamically updating spam rules, the

method comprising:

receiving an email message at a message switch;

processing the email message against the spam rules to determine if the email

message is a spam email message or a non-spam email message;

creating a spam information entry corresponding to the email message in a log

file;

calculating statistics for the spam rules based on the spam information in the log

file;

updating a database of the spam rules based on the statistics;

selecting a set of select rules from the database of the spam rules to form a

select rules set; and

replicating the select rules set to the message switch wherein the select rules

set, once received by the message switch, becomes the spam rules.

54. (Previously Presented) The method of claim 53 wherein the message switch is

one of a plurality of message switches each operating on a server as part of a

distributed network.

55. (Previously Presented) The method of claim 53 wherein each of the spam rules

has a score.

56. (Previously Presented) The method of claim 55 wherein the processing includes

testing the email message against each of the spam rules for a hit and, if a hit exists for

the each of the spam rules, modifying a total spam score of the email message based on

the score of the each of the spam rules.

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57. (Previously Presented) The method of claim 56 wherein the spam information

entry corresponding to the email message in the log file includes an identifier for each

of the spam rules for which there was a hit.

58. (Previously Presented) The method of claim 53 wherein the calculating includes

calculating, based on the log file, how many times each of the spam rules was hit.

59. (Previously Presented) The method of claim 53 wherein the calculating includes

calculating, based on the log file, how many hits for each of the spam rules were for a

spam email message versus a non-spam email message.

60. (Previously Presented) The method of claim 53 wherein the updating includes

updating a quantity of false-positive-hits for one or more of the spam rules.

61. (Previously Presented) The method of claim 53 wherein the selecting includes

retiring one or more of the spam rules wherein the retired spam rules are not included

in the select rules set.

62. (Previously Presented) The method of claim 55 wherein the updating includes

updating the score of one or more of the spam rules based on the statistics.

63. (Previously Presented) The method of claim 55 wherein the score of each of the

spam rules can be modified manually.

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64. (Previously Presented) The method of claim 54 wherein the replicating includes

replicating the select rules set to each of the plurality of message switches.

65. (Previously Presented) The method of claim 53 further comprising, if the email

message is determined to be a non-spam email message, transferring the email

message to an intended recipient.

66. (Previously Presented) The method of claim 53 embodied as computer-

executable instructions stored on a computer-readable medium.

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